

Notice of Allowability

Application No.

09/923,759

Examiner

VIJAY SHANKAR

Applicant(s)

GLEN ET AL.

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

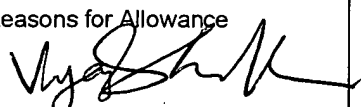
1. ☒ This communication is responsive to election on 6-23-2005.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ The drawings filed on 06 August 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


VIJAY SHANKAR
Primary Examiner
Art Unit: 2673

DETAILED ACTION

Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-11, drawn to a wireless display device system comprising: (a) a wireless drawing command transmitting unit that includes: a first frame buffer operatively coupled to the master image renderer; a first display screen operatively coupled to output rendered images from the first frame buffer; and (b) a wireless drawing command receiving unit, operatively coupled to the drawing command transmitting unit via a wireless link, that includes: a second frame buffer operatively coupled to the shadow image renderer; and a second display screen operatively coupled to output rendered images from the second frame buffer, classified in class 345, subclass 2.3.
 - II. Claims 12-28, drawn to a wireless device comprising: a wireless drawing command transmitting unit having a wireless transmitter operatively coupled to transmit drawing commands associated with a master image renderer; and a command requestor operatively responsive to wirelessly communicated drawing command throttle data to throttle transmission of drawing commands communicated wirelessly via the wireless transmitter , classified in class 455, subclass 566.

2. The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case the different inventions are a wireless display device system comprising: (a) a wireless drawing command transmitting unit that includes: a first frame buffer operatively coupled to the master image renderer; a first display screen operatively coupled to output rendered images from the first frame buffer; and (b) a wireless drawing command receiving unit, operatively coupled to the drawing command transmitting unit via a wireless link, that includes: a second frame buffer operatively coupled to the shadow image renderer; and a second display screen operatively coupled to output rendered images from the second frame buffer.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

4. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.

5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christopher Reckamp on 06-23-2005.

7. The application has been amended as follows:

- 1) Christopher Reckamp elected Group I related to Claims 1-11.
- 2) Cancel Claims 12-28.

Allowable Subject Matter

8. Claims 1-11 are allowed.

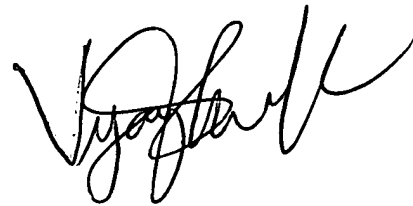
9. The following is an examiner's statement of reasons for allowance: The prior arts fails to teach a wireless display device system comprising: (a) a wireless drawing command transmitting unit that includes: a master image renderer; a first drawing command buffer operative to store drawing commands for the first drawing command buffer; a first wireless transceiver operatively coupled to the first drawing command buffer to transmit drawing commands associated with the master image renderer; a first frame buffer operatively coupled to the master image renderer; a first display screen operatively coupled to output rendered images from the first frame buffer; and (b) a wireless drawing command receiving unit, operatively coupled to the drawing command transmitting unit via a wireless link, that includes: a shadow image renderer; a second wireless transceiver operative to receive the transmitted drawing commands and to transmit drawing command throttle data back to the drawing command transmitting unit to throttle transmission of drawing commands communicated wirelessly; a second drawing command buffer operative to store received drawing commands from the drawing command transmitting unit for use by the shadow image renderer; a second frame buffer operatively coupled to the shadow image renderer; and a second display screen operatively coupled to output rendered images from the second frame buffer.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY SHANKAR whose telephone number is (571) 272-7682. The examiner can normally be reached on M-F 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



VIJAY SHANKAR
Primary Examiner
Art Unit 2673

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